Mr. Ken Juncker Dr. Glen Kalhe AgTracks, Inc. June 17, 1999 Page 2

If you have any questions, please do not hesitate to contact me.

Very truly yours,

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Enclosures: Claims Added During Reissue (2 pages)

Allowed Claims Showing Changes From Reissue Claims Filed (5 pages)



## **CLAIMS ADDED DURING REISSUE**

- 17. A track apparatus for a vehicle having a frame, comprising:
- -a continuous flexible track having an upper length and a ground-engaging lower length, the upper and lower lengths defining a vertical dimension therebetween;
- -a drive wheel attached to the frame and having upper and lower circumferential portions and a diameter spanning a majority of the vertical dimension, the upper circumferential portion engaging the upper track length and the lower circumferential portion spaced above the lower track length;
- -a leading idler assembly attached to the frame and having a leading idler arm and a leading idler wheel engaging the track and rotatably mounted to the distal end of the leading idler arm;
- -a trailing idler assembly attached to the frame and having a trailing idler arm and a trailing idler wheel engaging the track and rotatably mounted to the distal end of the trailing idler arm; and
- -a mid-roller assembly in engagement with the track lower length and attached to one of the idler arms.
- 18. The track apparatus of claim 17 wherein the drive wheel diameter is at least one and a half times the diameter of the leading idler wheel.
- 19. The track apparatus of claim 17 wherein the drive wheel diameter is at least one and a half times the diameter of the trailing idler wheel.
- 20. The track apparatus of claim 17 wherein the space between the lower circumferential portion of the drive wheel and the lower track length is less than half the diameter of the drive wheel.

- 21. The track apparatus of claim 17 wherein the mid-roller assembly includes at least one mid-roller and the space between the lower circumferential portion of the drive wheel and the lower track length is less than the diameter of the mid-roller.
- 22. The track apparatus of claim 21 wherein the mid-roller assembly includes at least two axially-offset mid-rollers, including at least one on either side of the drive wheel.
- 23. The track apparatus of claim 22 wherein the mid-roller assembly includes a plurality of mid-rollers on both sides of the drive wheel.
- 24. The track apparatus of claim 17 wherein the mid-roller assembly includes at least one mid-roller and the drive wheel extends below the top level of the mid-roller.
- 25. The track apparatus of claim 24 wherein the mid-roller assembly includes at least two axially-offset mid-rollers, including at least one on either side of the drive wheel.
- 26. The track apparatus of claim 25 wherein the mid-roller assembly includes a plurality of mid-rollers on both sides of the drive wheel.

## ALLOWED CLAIMS SHOWING CHANGES FROM REISSUE CLAIMS FILED

NOTE: Underlined words were added and bracketed words were deleted

CLAIM 27. (i.e., combination of claims 17 and 20 added during reissue)

A vehicle track apparatus[ for a vehicle having a frame,] comprising:

-a frame;

- -a continuous flexible track having an upper length and a ground-engaging lower length, the upper and lower lengths defining a vertical dimension therebetween; -a drive wheel attached to the frame and having upper and lower circumferential portions and a diameter spanning a majority of the vertical dimension, the upper circumferential portion engaging the upper track length and the lower circumferential portion spaced above the lower track length, such space being less than half the diameter of the drive wheel;
- -a leading idler assembly attached to the frame and having a leading idler arm and a leading idler wheel engaging the track and rotatably mounted to the distal end of the leading idler arm;
- -a trailing idler assembly attached to the frame and having a trailing idler arm and a trailing idler wheel engaging the track and rotatably mounted to the distal end of the trailing idler arm; and
- -a mid-roller assembly in engagement with the track lower length and attached to one of the idler arms.

CLAIM 28 (i.e., combination of claims 17 and 21 added during reissue)

A vehicle track apparatus[ for a vehicle having a frame,] comprising:

-a frame;

- -a continuous flexible track having an upper length and a ground-engaging lower length, the upper and lower lengths defining a vertical dimension therebetween; -a drive wheel attached to the frame and having upper and lower circumferential portions and a diameter spanning a majority of the vertical dimension, the upper circumferential portion engaging the upper track length and the lower circumferential portion spaced above the lower track length;
- -a leading idler assembly attached to the frame and having a leading idler arm and a leading idler wheel engaging the track and rotatably mounted to the distal end of the leading idler arm;
- -a trailing idler assembly attached to the frame and having a trailing idler arm and a trailing idler wheel engaging the track and rotatably mounted to the distal end of the trailing idler arm; and
- -a mid-roller assembly in engagement with the track lower length and attached to one of the idler arms, the mid-roller assembly including at least one mid-roller and the space between the lower circumferential portion of the drive wheel and the lower track length being less than the diameter of the mid-roller.

CLAIM 29 (i.e. claim 22 added during reissue, but made dependent on claim 28)

The track apparatus of claim 28 wherein the mid-roller assembly includes at least two axially-offset mid-rollers, including at least one on either side of the drive wheel.

CLAIM 30 (i.e. claim 23 added during reissue, but made dependent on claim 29)

The track apparatus of claim 29 wherein the mid-roller assembly includes a plurality of mid-rollers on both sides of the drive wheel.

CLAIM 31 (i.e., combination of claims 17 and 24 added during reissue)

A vehicle track apparatus[ for a vehicle having a frame,] comprising:

-a frame;

- -a continuous flexible track having an upper length and a ground-engaging lower length, the upper and lower lengths defining a vertical dimension therebetween; -a drive wheel attached to the frame and having upper and lower circumferential portions and a diameter spanning a majority of the vertical dimension, the upper circumferential portion engaging the upper track length and the lower circumferential portion spaced above the lower track length;
- -a leading idler assembly attached to the frame and having a leading idler arm and a leading idler wheel engaging the track and rotatably mounted to the distal end of the leading idler arm;
- -a trailing idler assembly attached to the frame and having a trailing idler arm and a trailing idler wheel engaging the track and rotatably mounted to the distal end of the trailing idler arm; and
- -a mid-roller assembly in engagement with the track lower length and attached to one of the idler arms, the mid-roller assembly including at least one mid-roller and the drive wheel extending below the top level of the mid-roller.

**CLAIM 32** (i.e. claim 25 added during reissue, but made dependent on claim 31)

The track apparatus of claim 31 wherein the mid-roller assembly includes at least two axially-offset mid-rollers, including at least one on either side of the drive wheel.

CLAIM 33 (i.e. claim 26 added during reissue, but made dependent on claim 32)

The track apparatus of claim 32 wherein the mid-roller assembly includes a plurality of mid-rollers on both sides of the drive wheel.

**CLAIM 34** (i.e., claim 18 added during reissue, but made dependent on claim 31)

The track apparatus of claim 31 wherein the drive wheel diameter is at least one and a half times the diameter of the leading idler wheel.

CLAIM 35 (i.e., claim 19 added during reissue, but made dependent on claim 31)

The track apparatus of claim 31 wherein the drive wheel diameter is at least one and a half times the diameter of the trailing idler wheel.